METHOD FOR COEXISTENCE AND COOPERATION BETWEEN SYSTEM FIRMWARE AND DEBUG CODE

Abstract of the Disclosure

A method and apparatus are provided for implementing coexistence
5   and cooperation between system firmware and debug code. A service
processor is coupled to a machine under test for sending system firmware
test functions to the machine under test and receiving test data from the
machine under test. A host computer is coupled to the service processor for
sending bring-up tool debug test functions to the machine under test and
10   receiving test data from the machine under test. The system firmware starts
without user intervention on initial power-on routine of the machine under
test. When the host computer receives a user request, the host computer
notifies the service processor. The bring-up tool debug test functions are
started responsive to the user request. The system firmware can be used
15   for certain operations to a certain point in an operational test sequence of
the machine under test and then the debug tool debug test functions are
used for other functions that are not implemented in the system firmware. A
user can use either the system firmware or the bring-up tool debug test
functions at any time.

ROC920010080US1